

INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/IB 03/00024

501173

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 C08B37/08 C08L5/08		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08B C08L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) WPI Data, PAJ, CHEM ABS Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HIRANO S. ET AL.: "Calcium Chloride as Biometric Intermediate for the Mineralization of Carbonate Ions of Water as Calcium Carbonate in Gelatinous Matrices of Chitosan and Chitin" ENERGY CONVERS. MGMT, vol. 38, no. suppl, 1997, pages S517-S521, XP004061649 uk page S518, line 35, paragraph 4 - line 45 --- -/--	1-9
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family		
Date of the actual completion of the international search 22 April 2003		Date of mailing of the international search report 13/05/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Mazet, J-F

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio, US; retrieved from STN Database accession no. 128:296087 XP002236725 abstract & LIU YANRU ET AL.: FUJIAN SHIFAN DAXUE XUEBAO, ZIRAN KEXUEBAN, vol. 13, no. 3, 1997, pages 67-70,	1-9, 21-42
A	WO 91 09163 A (KEMIRA OY SÄTERI) 27 June 1991 (1991-06-27) page 15, line 35 -page 16, line 7	1-9
A	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio, US; retrieved from STN Database accession no. 123:172489 XP002236726 abstract & PL 160 897 B (INSTYTUT WLOKIEN CHEMICZNYCH) 30 April 1993 (1993-04-30)	1-9
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 619 (C-1278), 25 November 1994 (1994-11-25) & JP 06 237712 A (ARON WORLD:KK), 30 August 1994 (1994-08-30) abstract	1-9
A	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio, US; retrieved from STN Database accession no. 133:119219 XP002236727 abstract & CAO ZUOYING ET AL.: SHIPIN GONGYE KEJI BIANJIBU, vol. 21, no. 2, 2000, pages 11-13,	1-9
A	DATABASE WPI Section Ch, Week 199715 Derwent Publications Ltd., London, GB; Class A11, AN 1997-161509 XP002236728 & JP 09 031104 A (KITOSAN SHOKUJIN KOGYO KK), 4 February 1997 (1997-02-04) abstract	21-32

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	EP 0 382 150 A (HOECHST AKTIENGESELLSCHAFT) 16 August 1990 (1990-08-16) page 8, right-hand column, line 14 - line 27 -----	21-32
A	US 4 970 150 A (YAKU ET AL.) 13 November 1990 (1990-11-13) abstract column 2, line 40 -column 3, line 18 -----	10-20
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01, 28 February 1995 (1995-02-28) & JP 06 293801 A (NIPPON SUISAN KAISHA LTD;OTHERS: 01), 21 October 1994 (1994-10-21) abstract -----	33-42

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Information on patent family members

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